

# ABSTRACT

1 A wellbore fluid including a peroxide degradable polymer and an encapsulated  
2 peroxide source. The peroxide degradable polymer may be a polysaccharide. The  
3 peroxide source may include an inorganic peroxide, including zinc and alkaline earth  
4 metal peroxides, such as magnesium peroxide. The encapsulating material may be a  
5 polymer, including enteric polymers. The release of peroxide, from peroxide sources  
6 generally, can be controlled by means of pH such that peroxide source can be activated,  
7 and peroxide released, by a change in pH. In a wellbore, this pH change can be effected  
8 by using produced fluids to lower the pH of a more basic wellbore fluid.  
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